

**IN THE CLAIMS:**

Please amend the claims as follows:

Claim 1 (currently amended): Double-bottom tank and mixing auger for chopping animal feed for agricultural installations to prepare animal feed, comprising: a tank with a body (1) having a rounded bottom (2) and an insert (3) close to a center of the rounded bottom, the insert being curves, having a variable thickness and having a bevel edge (4) around a perimeter of the insert that starts at a base of the insert and ends at a top face of the insert and a mixing auger (5) which includes two blades disposed at 180° that have a laminar section and variable thickness, and are placed at a shaft's geometrical center; a reduced diameter of these blades improving the mixing process of the product whilst it is turned around, helping the mixture to move forward and significantly reducing mixing times: and wherein the insert is inclined in such a way that two thirds of it rest against either side of the tank.

Claims 2 - 4 (canceled).